RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/530,910A
Source: IFW0
Date Processed by STIC: 09/22/2006

ENTERED

IFWO

RAW SEQUENCE LISTING DATE: 09/22/2006
PATENT APPLICATION: **US/10/530,910A** TIME: 09:34:15

Input Set : **A:\rev. sequence listing.txt**
Output Set: **N:\CRF4\09222006\J530910A.raw**

<110> APPLICANT: SCHRENZEL, Jacques
FRANCOIS, Patrice
CHARBONNIER, Yvan
JACQUET, Jean
UTINGER, Dominic
KRESBACH, Gerhard
ABEL, Andreas
EHRAT, Markus
<120> TITLE OF INVENTION: Analytical chip with an array of immobilized specific recognition
elements for the determination of clinically relevant bacteria
and analytical method based thereon
<130> FILE REFERENCE: 2005-0613A/WMC/01841
<140> CURRENT APPLICATION NUMBER: 10/530,910A
<141> CURRENT FILING DATE: 2005-04-08
<150> PRIOR APPLICATION NUMBER: 02022631.2-1223
<151> PRIOR FILING DATE: 2002-10-09
<160> NUMBER OF SEQ ID NOS: 288
<210> SEQ ID NO: 1
<211> LENGTH: 19
<212> TYPE: DNA
<213> ORGANISM: Artificial
<220> FEATURE:
<223> OTHER INFORMATION: Probe for Enterobacter cloacae
<400> SEQUENCE: 1
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<210> SEQ ID NO: 2
<211> LENGTH: 19
<212> TYPE: DNA
<213> ORGANISM: Artificial
<220> FEATURE:
<223> OTHER INFORMATION: Probe for Staphylococcus aureus
<400> SEQUENCE: 2
agcaagcttc tcgtccgtt 19
<210> SEQ ID NO: 3
<400> SEQUENCE: 3
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<210> SEQ ID NO: 4
<400> SEQUENCE: 4
W--> 000
<210> SEQ ID NO: 5
<400> SEQUENCE: 5
W--> 000
<210> SEQ ID NO: 6

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     70 <400> SEQUENCE: 6
W--> 71 000
     73 <210> SEQ ID NO: 7
     75 <400> SEQUENCE: 7
W--> 76 000
     78 <210> SEQ ID NO: 8
     80 <400> SEQUENCE: 8
W--> 81 000
     83 <210> SEQ ID NO: 9
     85 <400> SEQUENCE: 9
W--> 86 000
     88 <210> SEQ ID NO: 10
     90 <400> SEQUENCE: 10
W--> 91 000
     93 <210> SEQ ID NO: 11
     95 <400> SEQUENCE: 11
W--> 96 000
     98 <210> SEQ ID NO: 12
    100 <400> SEQUENCE: 12
W--> 101 000
    103 <210> SEQ ID NO: 13
    105 <400> SEQUENCE: 13
W--> 106 000
    108 <210> SEQ ID NO: 14
    110 <400> SEQUENCE: 14
W--> 111 000
    113 <210> SEQ ID NO: 15
    115 <400> SEQUENCE: 15
W--> 116 000
    118 <210> SEQ ID NO: 16
    120 <400> SEQUENCE: 16
W--> 121 000
    123 <210> SEQ ID NO: 17
    125 <400> SEQUENCE: 17
W--> 126 000
    128 <210> SEQ ID NO: 18
    130 <400> SEQUENCE: 18
W--> 131 000
    133 <210> SEQ ID NO: 19
    134 <211> LENGTH: 19
    135 <212> TYPE: DNA
    136 <213> ORGANISM: Artificial
    138 <220> FEATURE:
    139 <223> OTHER INFORMATION: Probe for Escherichia coli
    141 <400> SEQUENCE: 19
    142 agcaagccct tctgctgtt                                          19
    145 <210> SEQ ID NO: 20
    146 <211> LENGTH: 19
    147 <212> TYPE: DNA
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PATENT APPLICATION: US/10/530,910A TIME: 09:34:15

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148 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Probe for Escherichia coli
153 <400> SEQUENCE: 20
154 ggcagtctct ctttgagtt 19
157 <210> SEQ ID NO: 21
158 <211> LENGTH: 19
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Probe for Escherichia coli
165 <400> SEQUENCE: 21
166 tcagactacg cacgacttt 19
168 <210> SEQ ID NO: 22
169 <211> LENGTH: 19
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Probe for Enterococcus faecalis
176 <400> SEQUENCE: 22
177 gccatgcggc ataaactgt 19
180 <210> SEQ ID NO: 23
181 <211> LENGTH: 19
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Probe for Enterococcus faecalis
188 <400> SEQUENCE: 23
189 cgaaagcgcc tttcactct 19
192 <210> SEQ ID NO: 24
193 <211> LENGTH: 19
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Probe for Enterococcus faecalis
200 <400> SEQUENCE: 24
201 agataccgtc aggggacgt 19
204 <210> SEQ ID NO: 25
205 <211> LENGTH: 19
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Probe for Klebsiella pneumoniae
212 <400> SEQUENCE: 25
213 ttcctcccca ctgaaagtg 19
216 <210> SEQ ID NO: 26
217 <211> LENGTH: 19
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial

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Input Set : A:\rev. sequence listing.txt
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221 <220> FEATURE:
222 <223> OTHER INFORMATION: Probe for Klebsiella pneumoniae
224 <400> SEQUENCE: 26
225 ggtaacgtca atcgccaag 19
228 <210> SEQ ID NO: 27
229 <211> LENGTH: 19
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Probe for Klebsiella pneumoniae
236 <400> SEQUENCE: 27
237 tgcgggtaac gtcaatcgc 19
240 <210> SEQ ID NO: 28
241 <211> LENGTH: 19
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Probe for Staphylococcus epidermidis (excludes Staphylococcus
247 aureus)
249 <400> SEQUENCE: 28
250 tcactattga accatgcgg 19
253 <210> SEQ ID NO: 29
254 <211> LENGTH: 19
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Probe for Staphylococcus aureus (excludes Staphylococcus
260 epidermidis)
262 <400> SEQUENCE: 29
263 ccgtcaagat gtgcacagt 19
266 <210> SEQ ID NO: 30
267 <211> LENGTH: 19
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Probe for Pseudomonas aeruginosa
274 <400> SEQUENCE: 30
275 gatcccccac tttctccct 19
278 <210> SEQ ID NO: 31
279 <211> LENGTH: 19
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Probe for Streptococcus pneumoniae
286 <400> SEQUENCE: 31
287 tgtcatgcaa catccactc 19
290 <210> SEQ ID NO: 32
291 <211> LENGTH: 19
292 <212> TYPE: DNA

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Input Set : **A:\rev. sequence listing.txt**
Output Set: **N:\CRF4\09222006\J530910A.raw**

293 <213> ORGANISM: Artificial
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Probe for Streptococcus pneumoniae
298 <400> SEQUENCE: 32
299 cgtgaacgta gtgatggtc 19
302 <210> SEQ ID NO: 33
303 <211> LENGTH: 19
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Probe for Propionibacterium acnes
310 <400> SEQUENCE: 33
311 tttcaaagcc gccaacccc 19
314 <210> SEQ ID NO: 34
315 <211> LENGTH: 19
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Probe for Pseudomonas aeruginosa
322 <400> SEQUENCE: 34
323 gcggtattag cgcccgttt 19
326 <210> SEQ ID NO: 35
327 <211> LENGTH: 19
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Probe for Pseudomonas aeruginosa
334 <400> SEQUENCE: 35
335 actttctccc tcaggacgt 19
338 <210> SEQ ID NO: 36
339 <211> LENGTH: 19
340 <212> TYPE: DNA
341 <213> ORGANISM: Artificial
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Probe for Propionibacterium acnes
346 <400> SEQUENCE: 36
347 cccacaaaag cagggcctt 19
350 <210> SEQ ID NO: 37
351 <211> LENGTH: 19
352 <212> TYPE: DNA
353 <213> ORGANISM: Artificial
355 <220> FEATURE:
356 <223> OTHER INFORMATION: Probe for Streptococcus pneumoniae
358 <400> SEQUENCE: 37
359 ctggtagtga tgcaagtgc 19
362 <210> SEQ ID NO: 38
363 <211> LENGTH: 19
364 <212> TYPE: DNA
365 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/22/2006
PATENT APPLICATION: **US/10/530,910A** TIME: 09:34:16

Input Set : **A:\rev. sequence listing.txt**
Output Set: **N:\CRF4\09222006\J530910A.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41
Seq#:42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65
Seq#:66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89
Seq#:90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110
Seq#:111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128
Seq#:129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146
Seq#:147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164
Seq#:165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182
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Seq#:201,202,203,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219
Seq#:220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237
Seq#:238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255
Seq#:256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273
Seq#:274,275,276,277,278,279,280,281,282,283,284,285,286,287,288

VERIFICATION SUMMARY DATE: 09/22/2006
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Input Set : **A:\rev. sequence listing.txt**
Output Set: **N:\CRF4\09222006\J530910A.raw**

L:56 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (3) SEQUENCE:
L:61 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (4) SEQUENCE:
L:66 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (5) SEQUENCE:
L:71 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:
L:76 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (7) SEQUENCE:
L:81 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (8) SEQUENCE:
L:86 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:
L:91 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:96 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (11) SEQUENCE:
L:101 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (12) SEQUENCE:
L:106 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (13) SEQUENCE:
L:111 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:
L:116 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (15) SEQUENCE:
L:121 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (16) SEQUENCE:
L:126 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (17) SEQUENCE:
L:131 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (18) SEQUENCE:
L:2352 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (204) SEQUENCE: